

```
b) L=T-V=mi. csc x + 1mro-mgrcoss x
   Hircsid - tro + tywha = 0
        r-10 snd+ gcsd. sind=0 p
   mr 0 - 0 = 0 = 1 mr 0 = 0 = 7 d d = 0 = 1 2L = mr = = Corbit
C) Sin, smooth gold i would
       of die of a of the sign = rould
                        prow = mrv = L ; rush cryy beaut 21 = D
 2) H= & Pa.ga-L
                       Pr= 22 = micscol or = Pr six
                          b: dL = mrd =) 0 = 10
 H= (P.i+ Po. 0) - micsod - Imro + myrdy oc
H= Prond + Po - profession - 1 xt. for + rgruly a
= 1 show + for 2 + myrely al | Pr = 24 = Po - mys d = 100 mrs
En milita + Endo tryrila Pa = - 24 = 0 is 24 = prsind
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e) exelves redou

Affect myrela

Varyristy d V = thy cods at =

P: 1 322

03. V=-12 + 13 (x -) V== - L + 13(3) = 1 3L . K

a) la eli sas os partes de equilibrio estant des promus. (20=0)

6) ¿ uprob que a robente B prom esso eregne a segula, or holo un ble e with b of a chib functional [Insulante a which est souled a ton do peto de equilibro. Qued de mide plo 1º estato detrâncio a terdene o que c moteule pour de osche e vocare de distance (arrivo r) -- 7 r, en

() 74(1): = 10 -10 Notes 10 No

rodul probability dutibutine is:

P(1) = 1 . 26 . 4 / 2 dr - 2 dr

de = 0 = 8 h + e = 8 h r e = 2 t dos

$$\frac{d}{d} = \frac{1}{\sqrt{1 - \frac{1}{2}}} = \frac{1}{\sqrt{1 - \frac{1}}} = \frac{1}{\sqrt{1 - \frac{1}{2}}} = \frac{1}{\sqrt{1 - \frac{1}{2}}} = \frac{1}{\sqrt{1 - \frac$$

EUF 2011 - 25Cm 30/03/2016 b) 50 = PC 7 50 = 1 1 2 = 5 6.7mc=4mc
1-1-2
13 c) tre= ymvc => true= ZM2 => M= 4V3 m = fm = 4v3 m = fm = fm QS. a) du= da=dw p= nRT ncet = 7ds - pdv ds = ncdt - nrdv =7 ds = nch (T) - nr h (T) p) 4-16 - G= F= 5m = 1 m = 7g 1. 1. 1/4:0 W- Seev = nRg/ (\frac{\ Q=ncat+qv & Bic AU=-W Q=nat(C+R) Q=0 W=ncat ger Wencal 17=71-19=28 Ornot Co 5

c)
$$Q = W_1 = Q_1 - Q_2 = 1 - T_1$$

If $Q_1 = Q_2 = Q_2 = Q_2$

Problem (a) $Q_1 = Q_2 = Q_3$

Q. $Q_2 = Q_1 = Q_2$

D) $Q_2 = Q_2 = Q_2$
 $Q_3 = Q_4 = Q_4$
 $Q_4 = Q_4$

EUF ZOIN - Zon

31/03/2016

d) Parters worth o rigida diletria do ar, os são, ocurrente en duletus on tibliga pl course y (south, deletia)

E = Q. ...
Zir X 4. 60

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c) = t... (N? - Lt)

\[\tilde{\text{T}} = \text{N} \tilde{\text{E}} \]

illx = -ing = 0

ik. B = 0

1 in D= ?

T = Chick H XXX

IN XH + iNEE = J

b) P=n

MXH + inx = J

Le? = n p.c & living = inHê - in Hê

IKH? - AKHE + LWA = J

J= 1 wh.

()

08.

c)
$$2p = -2\frac{1}{2}$$
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EUF 7018-75cm 3163 of = 16 [24: 4" - 24: 4] - 24: 74 - 24: 74 - 24: 24 b) - 29 = it [34 4 - 24 . 4] -27 15 2x 2x - 2x x 1=-13. 434 - 24 4] c) (x) - SYP. XY dx (p7 = SY (-14) - 24 dx = (「これるメナナンイナン・メソナル、「ホシャー・シャ」)とは = [-1/2 24. x4 + 1/2 4/2] dx = -1/2 (x + 2/4 - x4 2/4) dx

$$\frac{\partial(x)}{\partial t} = \frac{1}{2m} \int x \left[\frac{1}{4} \cdot \frac{\partial^2 v^2}{\partial x} + \frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} \right] dx \qquad (p) = \left[\frac{4^2 \cdot (-1)}{2} \cdot \frac{\partial^2 v^2}{\partial x} \right] dx$$

$$\frac{\partial(x)}{\partial x} = \frac{1}{2m} \left[\frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} - \frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} - \frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} \right] dx$$

$$\frac{\partial(x)}{\partial x} = \frac{1}{2m} \left[\frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} - \frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} \right] dx$$

$$= \frac{1}{2m} \left(\frac{1}{4} \cdot \frac{\partial^2 v}{\partial x} - \frac{\partial^2 v}{\partial x} -$$

EUF ZOII - ZJEN 02/04/24 b) (m/117= 1/ [2/2] - Calo 2] n= cn/p/n = cn/da/n) = can/au7 enteath) = Caentatan) (3/17-16/17) 10130 11/2 (1/1/16/17) = 1012 (1/1/16/17) 10130 11/20 (1/1/16/17) (1/1/16/17) = 1012 (H)= 427 + Climin 70 (107=0 = nec.) (c) (c) c) Nolw = 22 a. alm = (20+ act-62) alm = {2,23-act lah) (1-22/2/2/2-2/n) =-2/n)-2-1(-n+1)2/n) Noth) = 2 2 2 2 1/2) = 2 (20 + 20 - 20) 10 | n'= - n+1 = at ({a,2+}-ata) ln = at (1-ata) ln = at (1-n1/n) = (1-n) at (1-n (n'- 1-h) an = c, 1-n-17 N: (n/N/n) = (n/2 a/ h) = (n/2 1-n-1) 2 Cn L-n-1 & /n / = 1 (1 Cn-1)-h-19 (ch)= Tal n'7 Cn = In How when 10 most nothing Tul

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